# **Network Access Analysis**

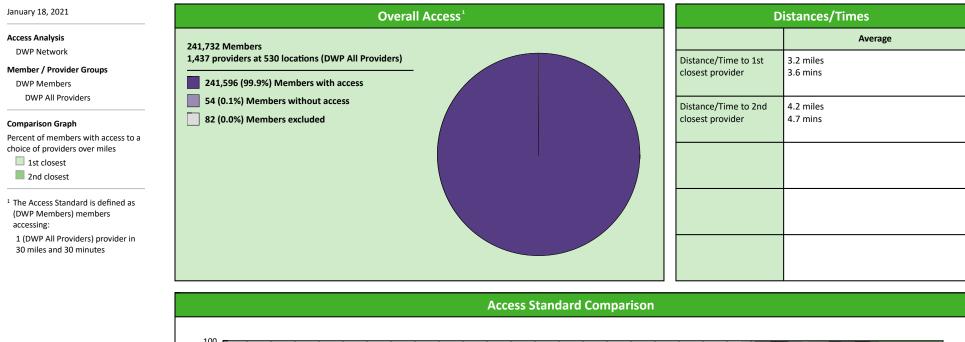
Dental Wellness Plan Delta Dental of Iowa

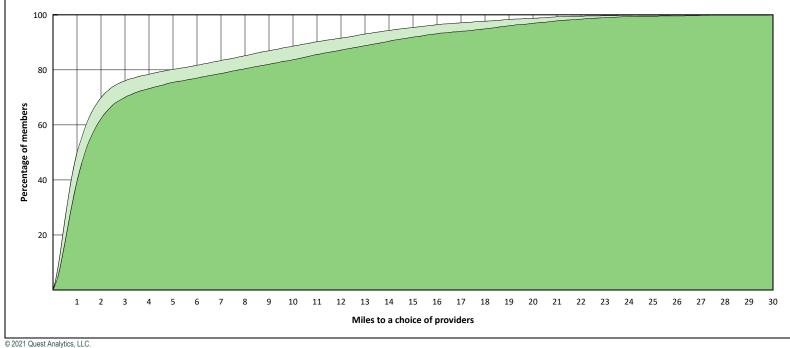
January 18, 2021

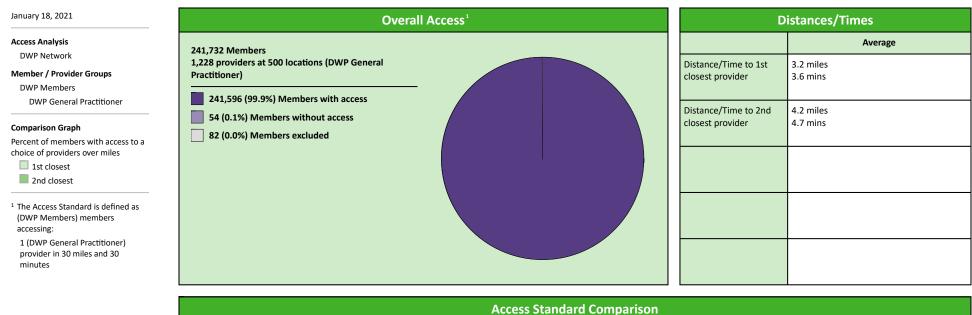
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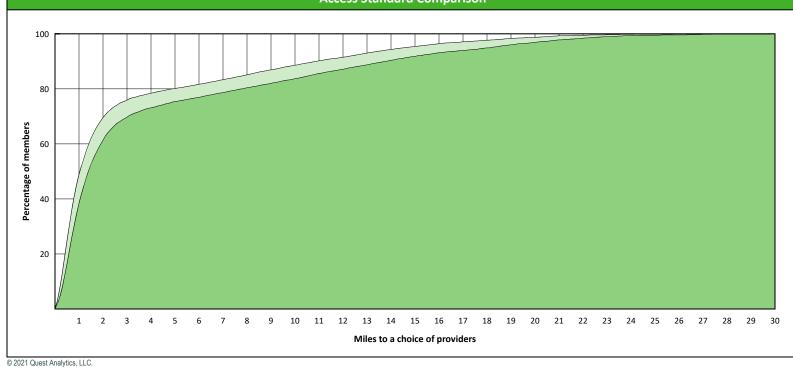
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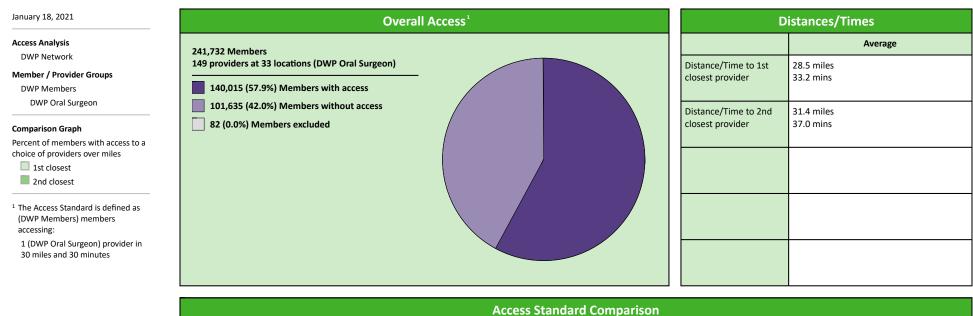
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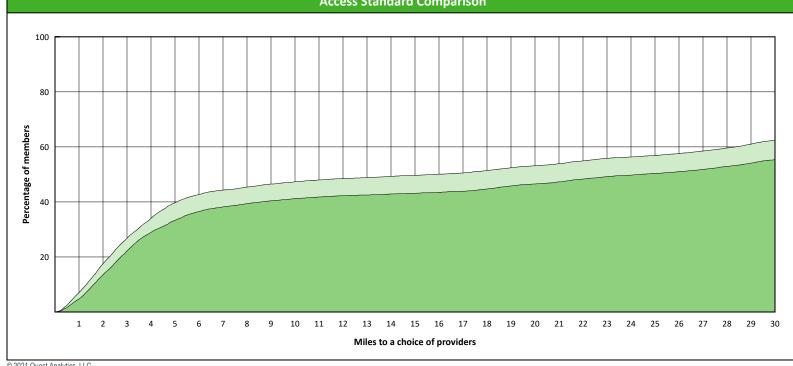


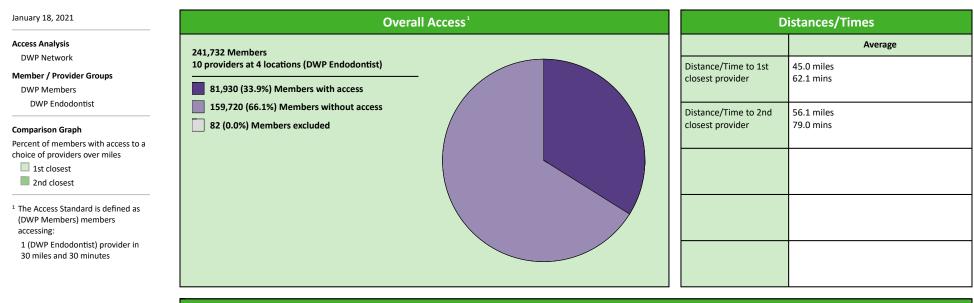


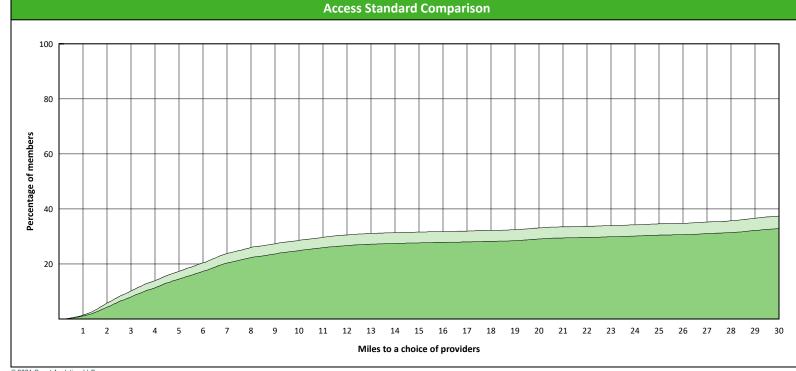


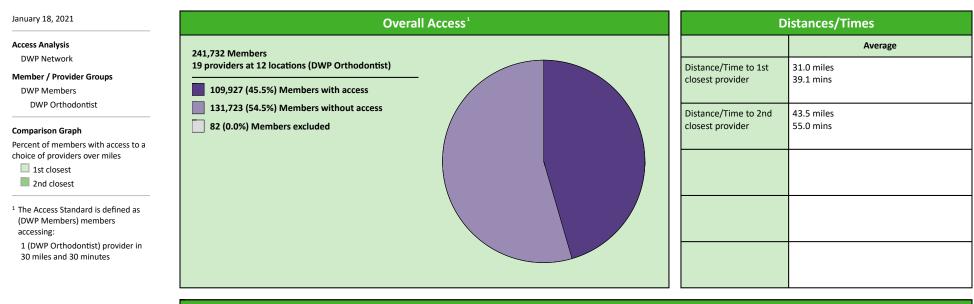


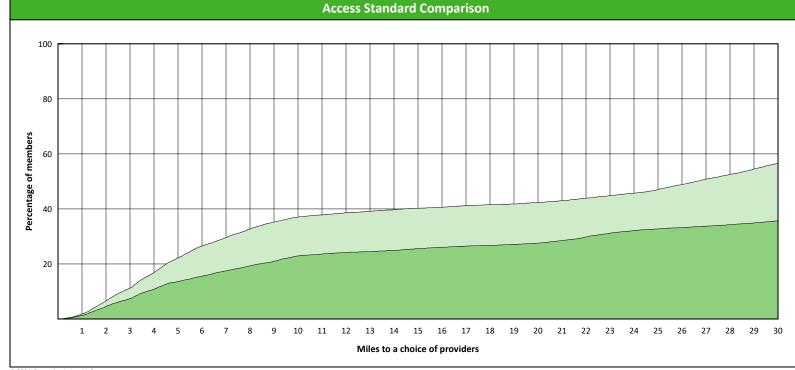


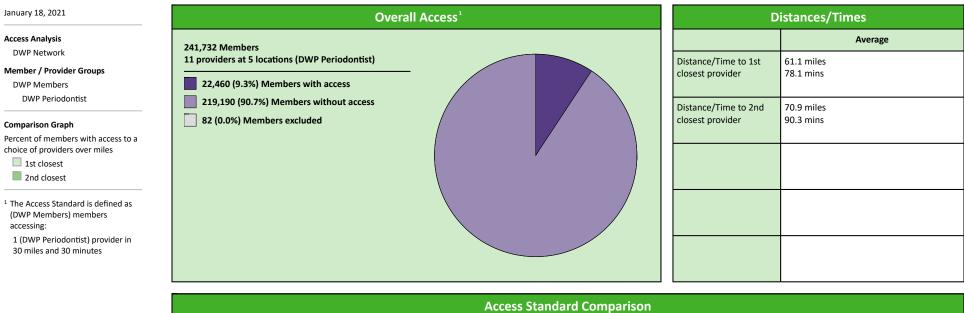


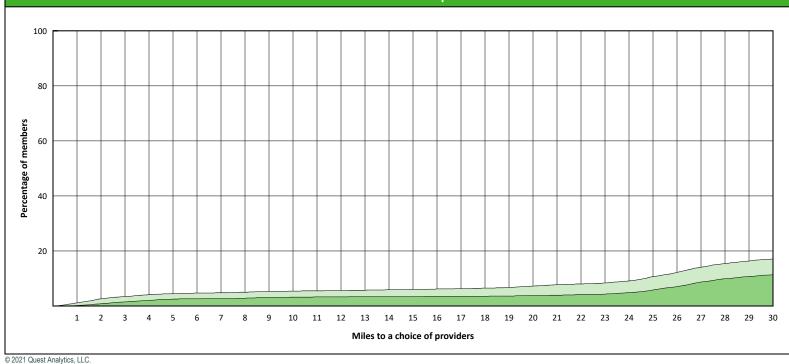


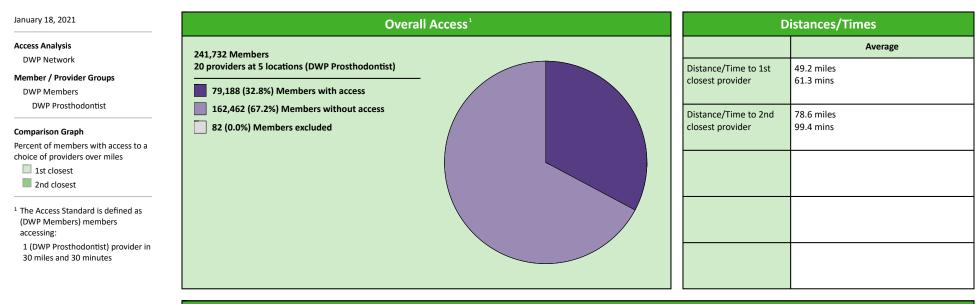


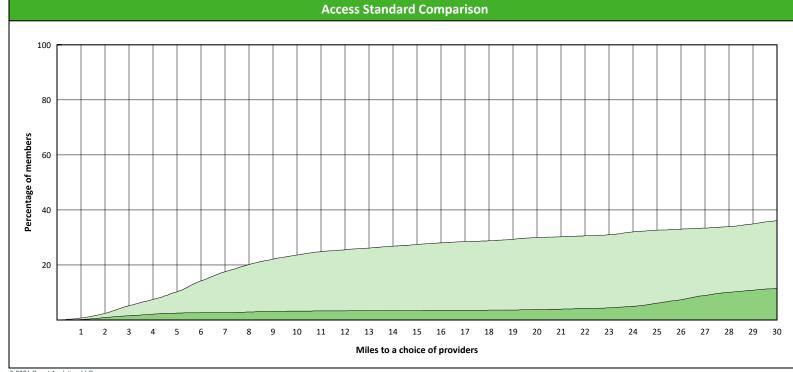


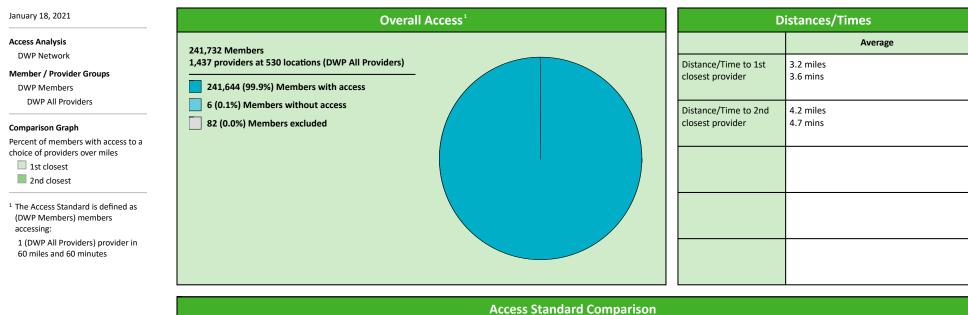


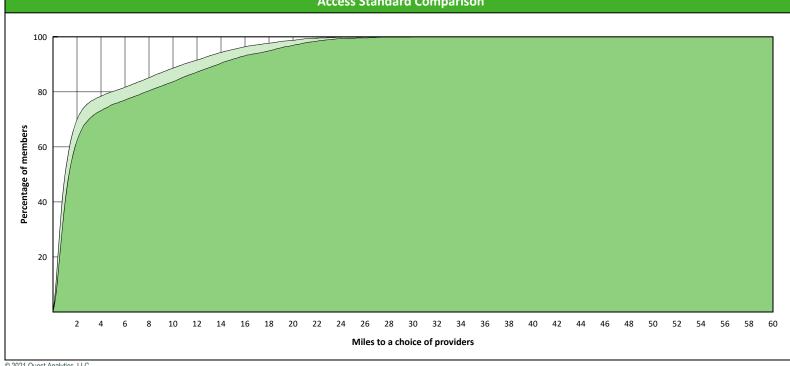


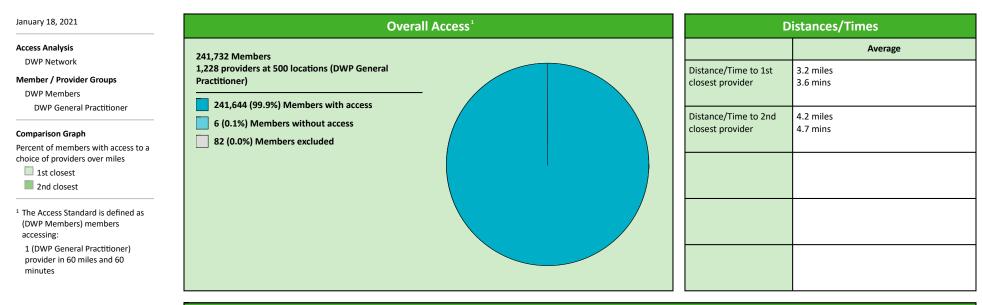


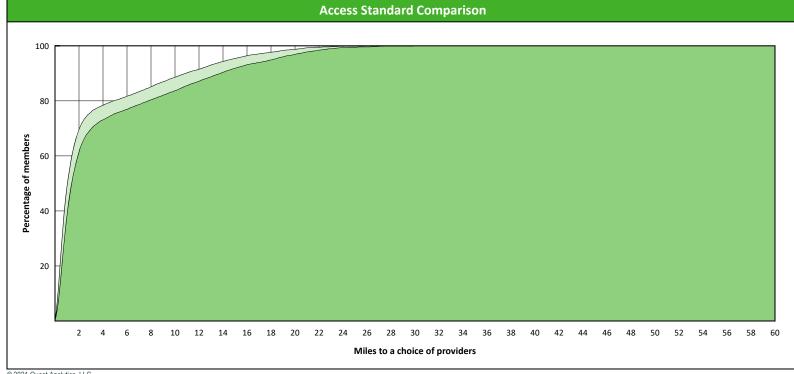


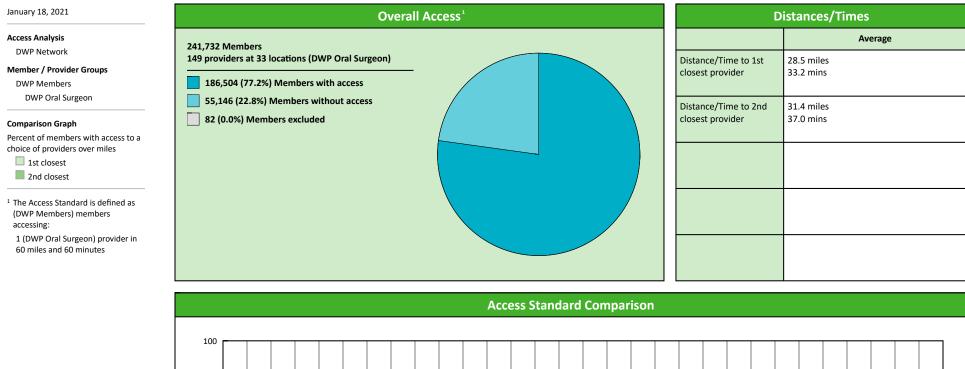


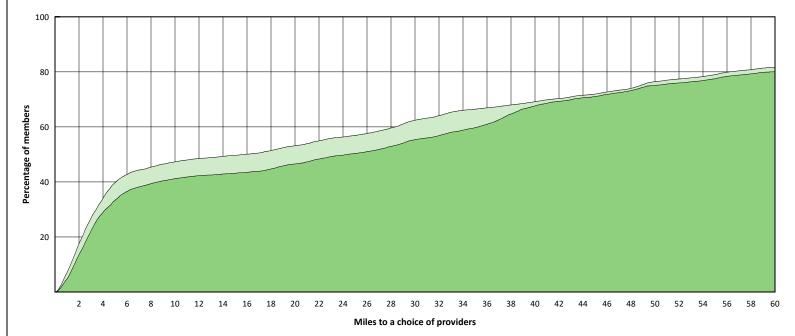


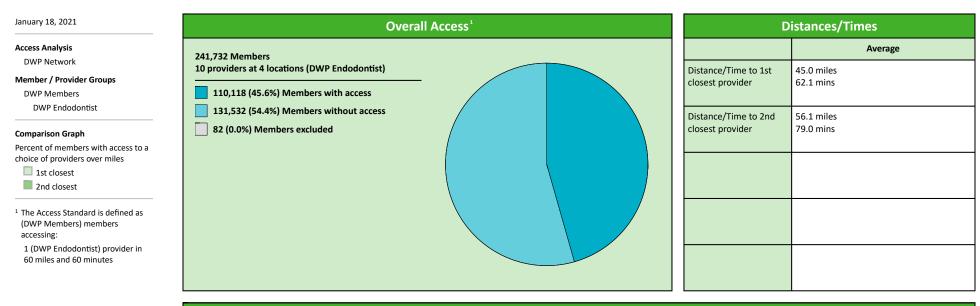


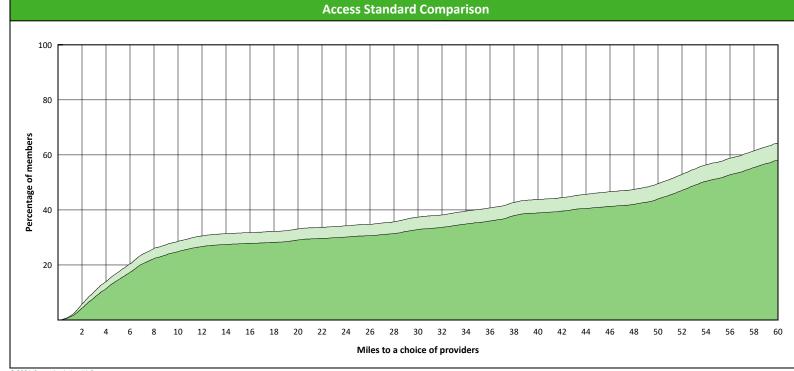


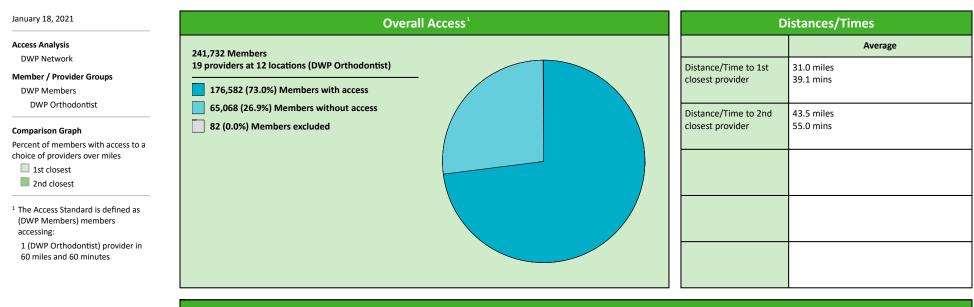


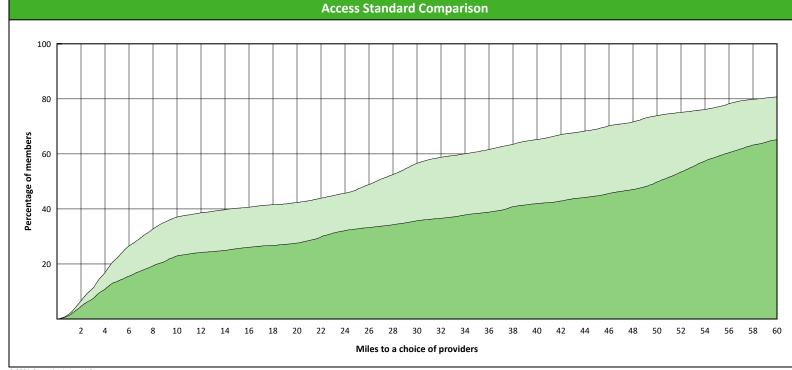


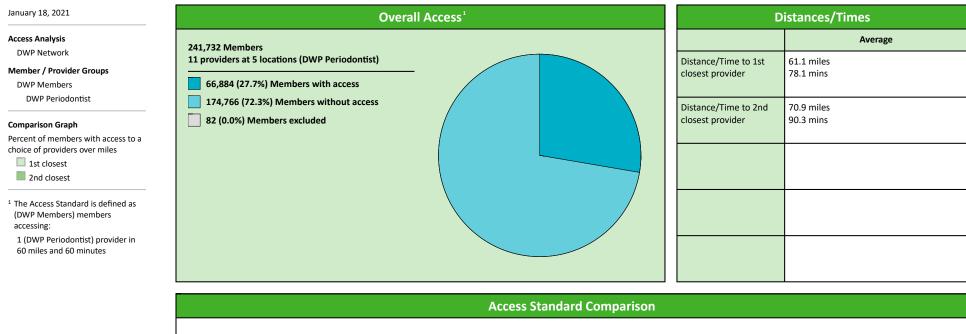


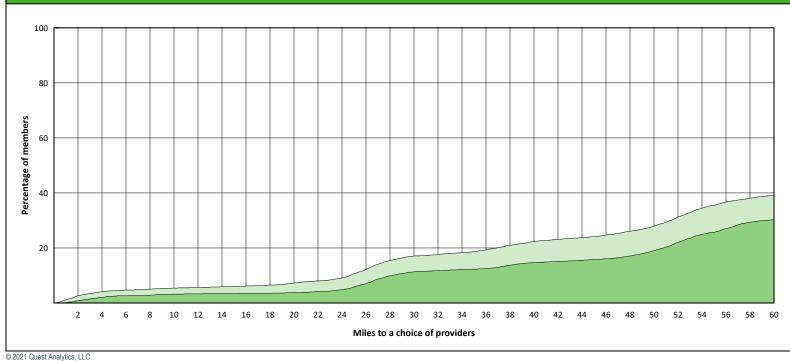


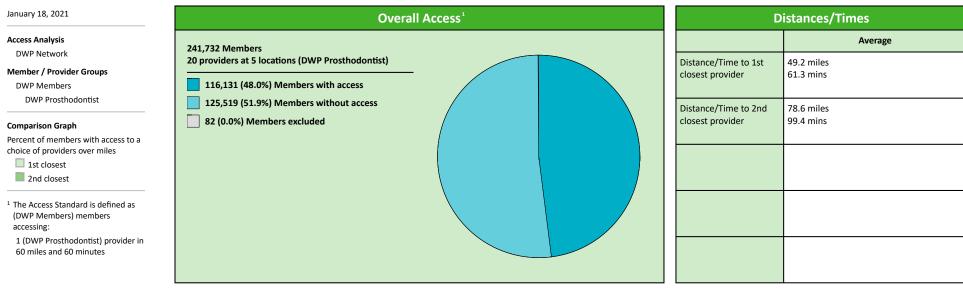


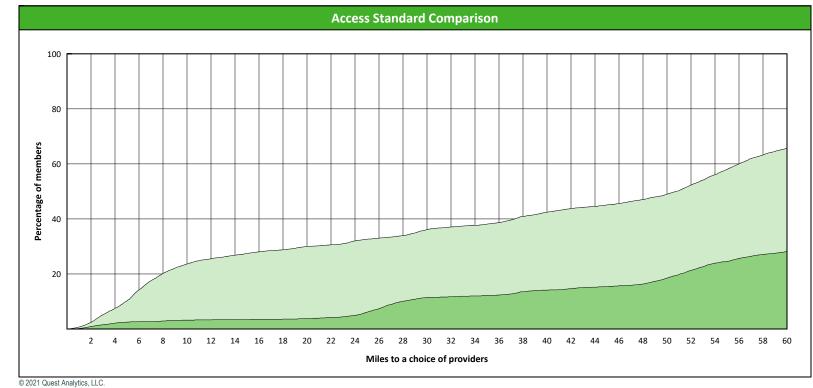


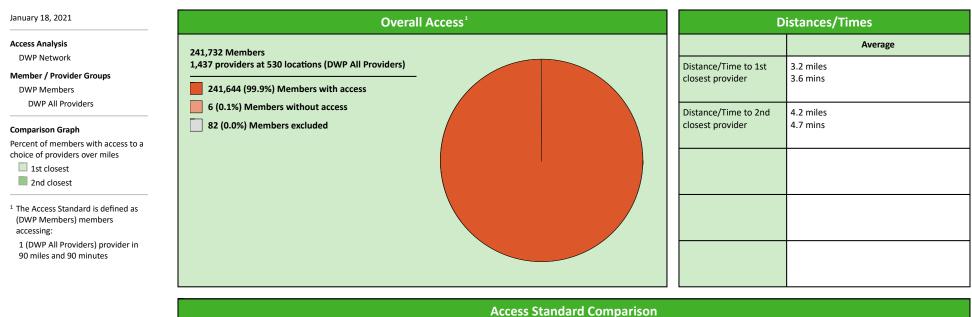


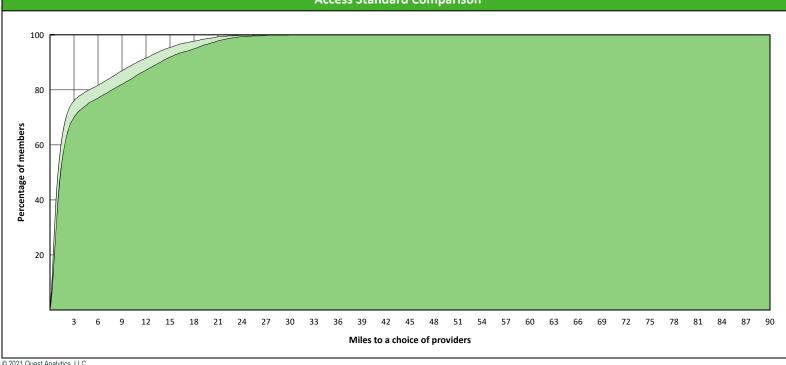


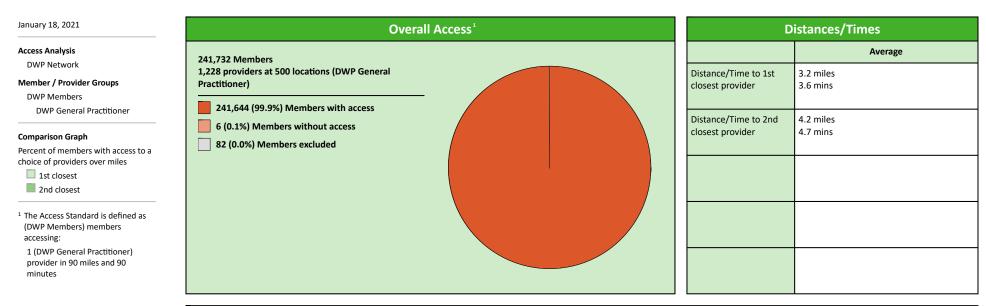


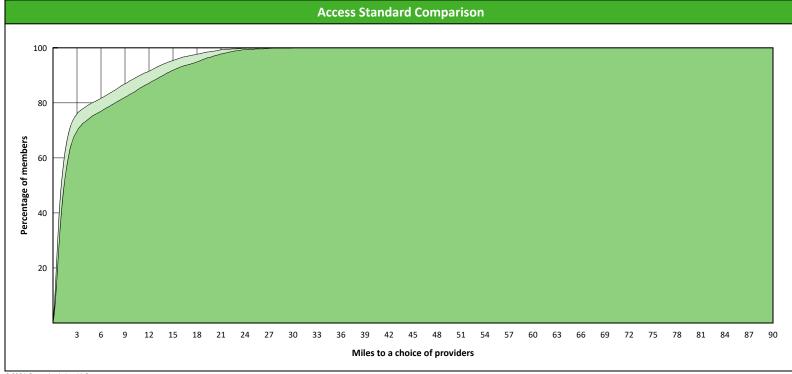


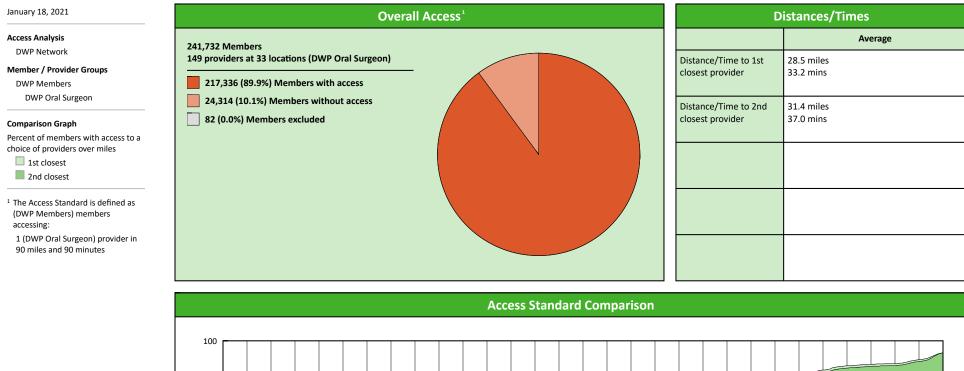


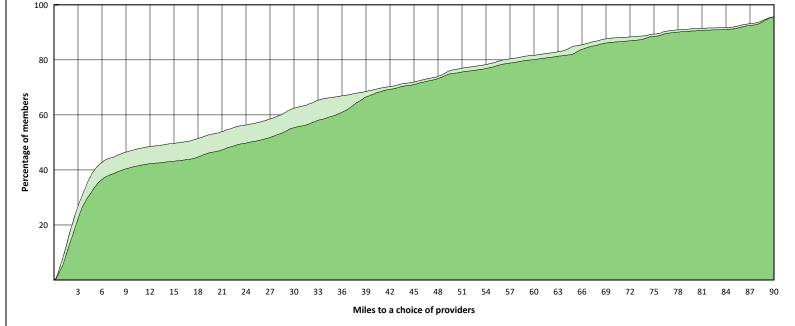


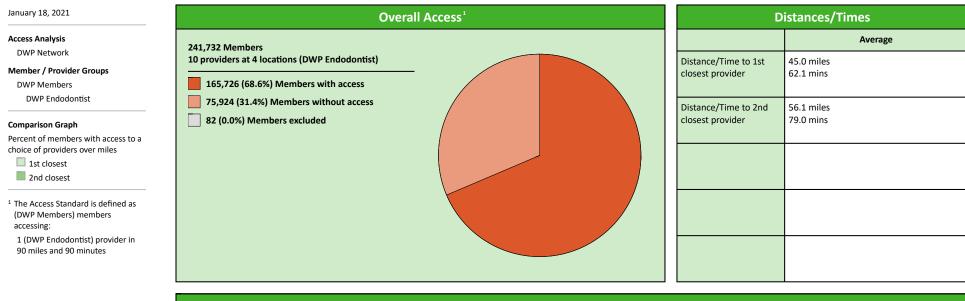


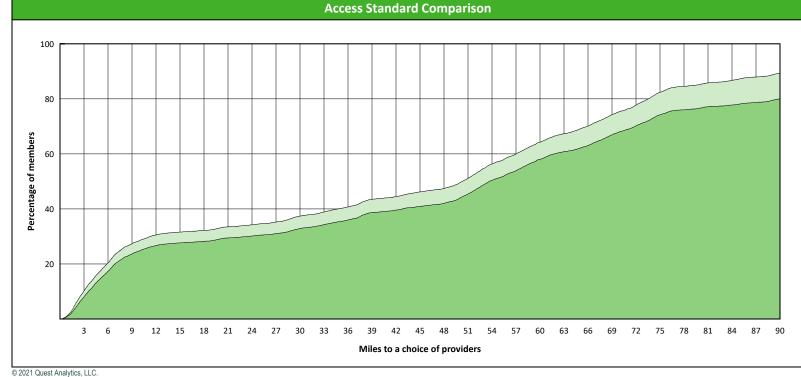




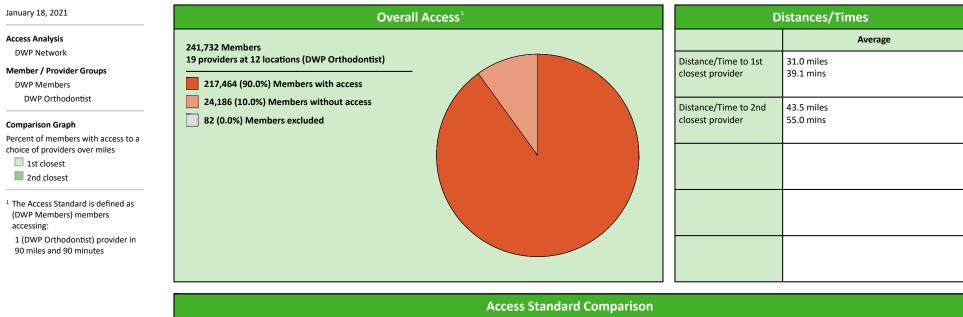


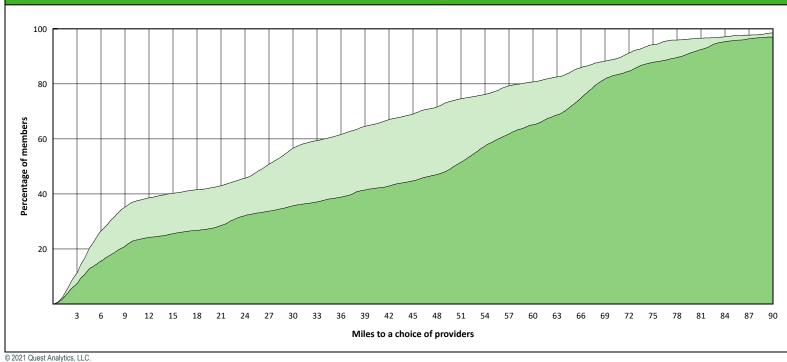


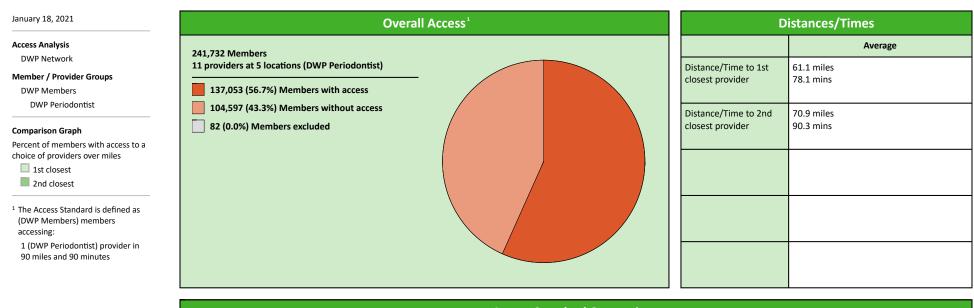


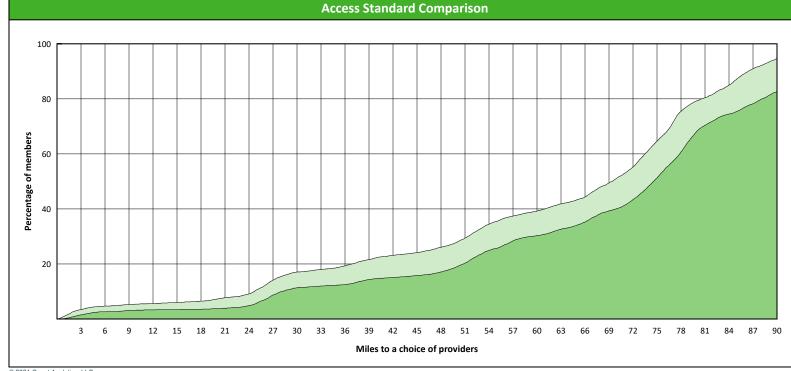


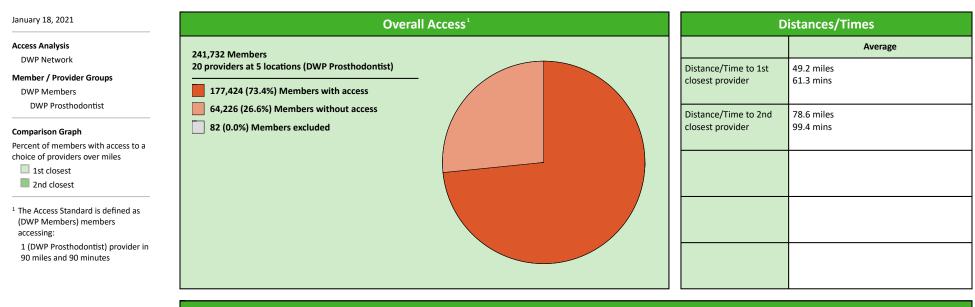
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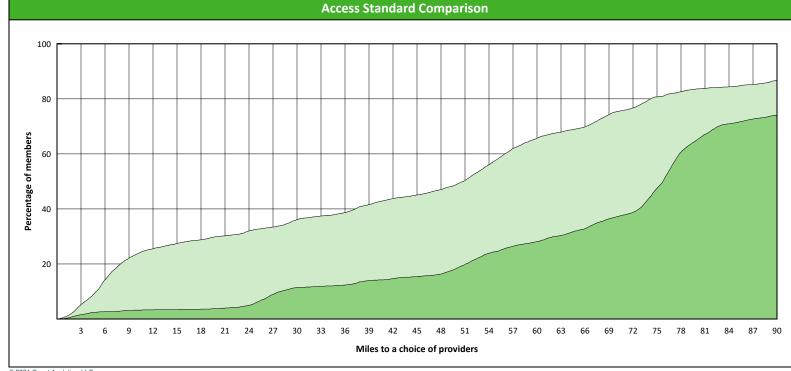










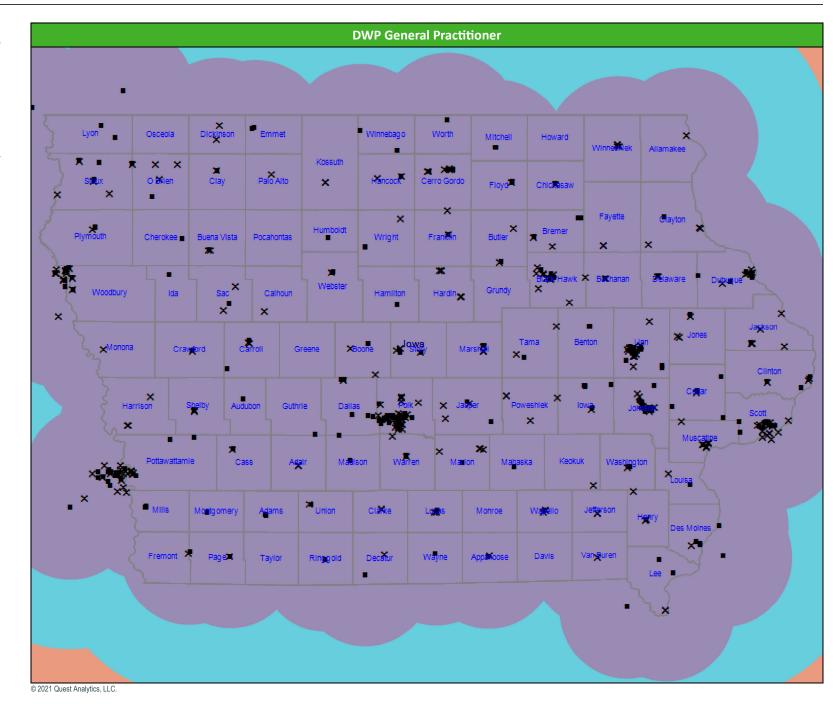


### **DWP General Practitioner Access Map**

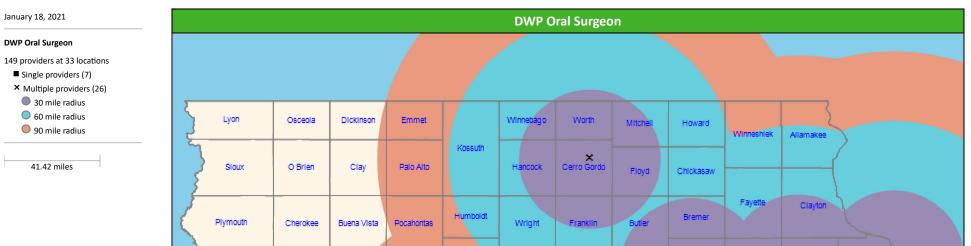
#### January 18, 2021

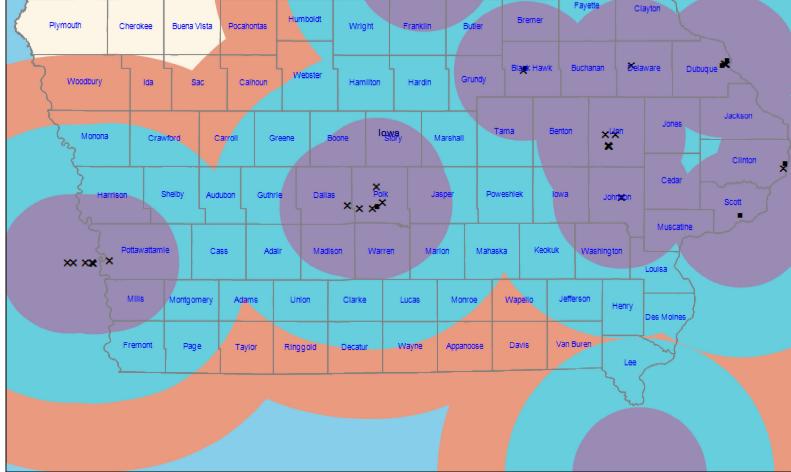
**DWP General Practitioner** 

- 1,228 providers at 500 locations
- Single providers (229)
- × Multiple providers (271)
- 30 mile radius
- 60 mile radius
- 90 mile radius



### **DWP Oral Surgeon Access Map**





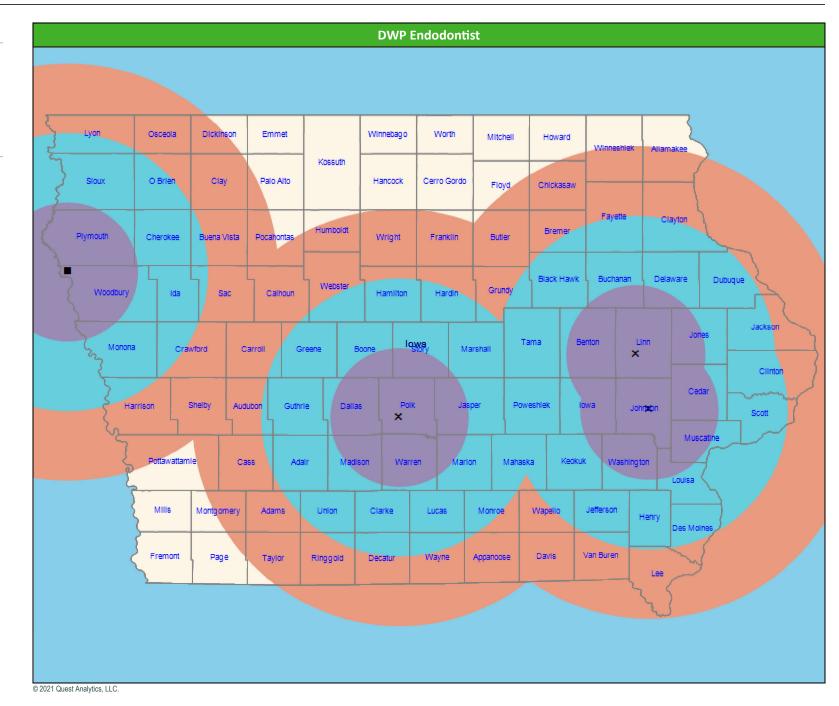
### **DWP Endodontist Access Map**

#### January 18, 2021

DWP Endodontist

- 10 providers at 4 locations

  Single providers (1)
  Multiple providers (3)
  30 mile radius
  60 mile radius
  - 90 mile radius



### **DWP Periodontist Access Map**

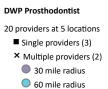
#### January 18, 2021



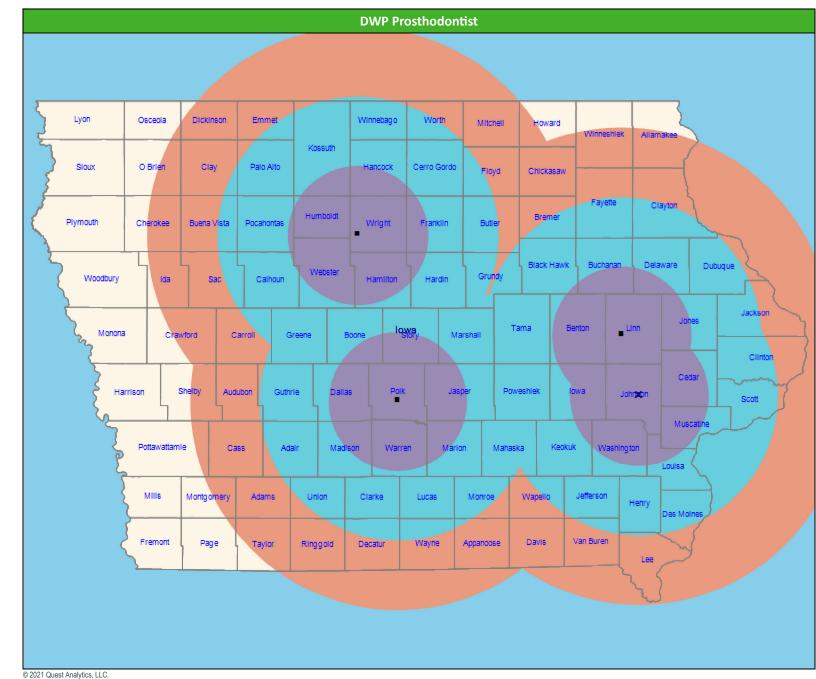
- 11 providers at 5 locations
  Single providers (4)
  Multiple providers (1)
  30 mile radius
  60 mile radius
  - 90 mile radius



#### January 18, 2021



90 mile radius



### **DWP Orthodontist Access Map**

#### January 18, 2021 **DWP Orthodontist** DWP Orthodontist 19 providers at 12 locations Single providers (8) × Multiple providers (4) 30 mile radius 60 mile radius Lyon Osceola Dickinson Emmet Worth Winnebagio Mitchell Howard 90 mile radius Winneshiek Allamakee Kossuth 41.42 miles Sloux O Brien Clay Palo Alto Hancock Cerro Gordo Chickasaw Floyd Fayette Clayton Bremer Humboldt Plymouth Franklin Butler Cherokee Buena Vista Pocahontas Wright Black Hawk × Buchanan Delaware Dubuque Webster Grundy Woodbury lda. Sac Calhoun Hamilton Hardin Jackson Jones. Tama Benton Linn lowa, Monona Crawford Boone Marshall Carroll Greene Clinton Cedar X Polk Poweshiek Harrison Shelby Audubon Guthrie Dallas Jaspa wa Johnson | Scott × × Muscatine Pottawattamie Adair Madison Warren Marion Mahaska Keckuk Washington Cass . • Louisa Mills Montgomery Adams Union Clarke Lucas Monroe Wapello Jefferson. Henry Des Molne Fremont Page Wayne Appanoose Davis Van Buren Taylor Ringgold Decatur Lee

# Access Summary By State

January 18, 2021	All Members													
Access Analysis DWP Network	Membe	Member		Provider		With Access		Without Access		Ints <sup>1</sup>	Average	Distance	Average Time	
	Group	#	Group	Standard	#	%	#	%	Р	L	1	2	1	
Member Group	DWP Members	241.650	DWP All Providers	1 in 30 miles and 3	241,596	99.9	54	0.1	1,437	530	3.2	4.2	3.6	
DWP Members		,		1 in 30 miles and 3	241,596		54	0.1	1,228	500	3.2	4.2	3.6	
Provider Group			DWP General Pr	1 in 60 miles and 6	241,644		6	0.1	1,228	500	3.2	4.2	3.6	
DWP All Providers			DWP General Pr	1 in 90 miles and 9	241,644	99.9	6	0.1	1,228	500	3.2	4.2	3.6	
DWP General Practitioner			DWP Oral Surgeon	1 in 30 miles and 3	140,015	57.9	101,635	42.1	149	33	28.5	31.4	33.2	
DWP Oral Surgeon			DWP Oral Surgeon	1 in 60 miles and 6	186,504	77.2	55,146	22.8	149	33	28.5	31.4	33.2	
DWP Endodontist			, , , , , , , , , , , , , , , , , , ,	1 in 90 miles and 9	217,336	89.9		10.1	149	33	28.5	31.4	33.2	
DWP Orthodontist			J. J	1 in 30 miles and 3	81,930		159,720	66.1	10	4	45.0	56.1	62.1	
DWP Periodontist			DWP Endodontist	1 in 60 miles and 6	110,118		131,532	54.4	10	4	45.0	56.1	62.1	
DWP Prosthodontist				1 in 90 miles and 9	165,726		75,924	31.4	10	4	45.0	56.1	62.1	
<sup>1</sup> Provider counts represent:			DWP Orthodontist	1 in 30 miles and 3	109,927		131,723	54.5	19	12	31.0	43.5		
P: Unique providers			DWP Orthodontist	1 in 60 miles and 6	176,582		65,068	26.9	19	12	31.0	43.5	39.1	
L: Unique provider locations			DWP Orthodontist	1 in 90 miles and 9	217,464		24,186	10.0	19	12	31.0	43.5	39.1	
			DWP Periodontist	1 in 30 miles and 3	22,460		219,190	90.7	11	5	61.1	70.9	78.1	
** These records have been excluded			DWP Periodontist	1 in 60 miles and 6	66,884		174,766	72.3	11	5	61.1	70.9	78.1	
from the analysis because of invalid zip codes.			DWP Periodontist	1 in 90 miles and 9	137,053		104,597	43.3	11	5	61.1	70.9		
invalid zip codes.			DWP Prosthodo	1 in 30 miles and 3	79,188			67.2	20	5	49.2	78.6		
			DWP Prosthodo	1 in 60 miles and 6	116,131	48.1	125,519	51.9	20	5	49.2	78.6	61.3	
			DWP Prosthodo	1 in 90 miles and 9	177,424		64,226		20	5	49.2	78.6		

			Key Geographic Areas							
State	Member	Pr	With Acc	ess	Without A	ccess	Average	Distance	Average Time	
Name	#	Group	Standard	#	%	#	%	1	2	1
lowa	241,640	<b>DWP</b> General Practitioner	1 in 60 miles and 60 mins	241,640	100.0	0	0.0	3.2	4.2	3.6
		DWP General Practitioner	1 in 90 miles and 90 mins	241,640	100.0	0	0.0	3.2	4.2	3.6
		DWP All Providers	1 in 30 miles and 30 mins	241,593	99.9	47	0.1	3.2	4.2	3.6
		DWP General Practitioner	1 in 30 miles and 30 mins	241,593	99.9	47	0.1	3.2	4.2	3.6
		DWP Orthodontist	1 in 90 miles and 90 mins	217,462	90.0	24,178	10.0	31.0	43.5	39.1
		DWP Oral Surgeon	1 in 90 miles and 90 mins	217,335	89.9	24,305	10.1	28.4	31.4	33.1
		DWP Oral Surgeon	1 in 60 miles and 60 mins	186,503	77.2	55,137	22.8	28.4	31.4	33.1
		DWP Prosthodontist	1 in 90 miles and 90 mins	177,424	73.4	64,216	26.6	49.2	78.6	61.3
		DWP Orthodontist	1 in 60 miles and 60 mins	176,581	73.1	65,059	26.9	31.0	43.5	39.1
		DWP Endodontist	1 in 90 miles and 90 mins	165,725	68.6	75,915	31.4	45.0	56.1	62.1
		DWP Oral Surgeon	1 in 30 miles and 30 mins	140,014	57.9	101,626	42.1	28.4	31.4	33.1
		DWP Periodontist	1 in 90 miles and 90 mins	137,052	56.7	104,588	43.3	61.1	70.9	78.1
		DWP Prosthodontist	1 in 60 miles and 60 mins	116,131	48.1	125,509	51.9	49.2	78.6	61.3
		DWP Endodontist	1 in 60 miles and 60 mins	110,118	45.6	131,522	54.4	45.0	56.1	62.1
		DWP Orthodontist	1 in 30 miles and 30 mins	109,926	45.5	131,714	54.5	31.0	43.5	39.1
		DWP Endodontist	1 in 30 miles and 30 mins	81,930	33.9	159,710	66.1	45.0	56.1	62.1

# Access Summary By City

January 18, 2021	All Members													
Access Analysis DWP Network	Member		Provider		With Access		Without Access		Counts <sup>1</sup>		Average Distance		e Average Time	
	Group	#	Group	Standard	#	%	#	%	Р	L	1	2	1	
Member Group	DWP Members	241,650	DWP All Providers	1 in 30 miles and 3	241,596	99.9	54	0.1	1,437	530	3.2	4.2	3.6	
DWP Members			DWP General Pr	1 in 30 miles and 3	241,596	99.9	54	0.1	1,228	500	3.2	4.2	3.6	
Provider Group			DWP General Pr	1 in 60 miles and 6	241,644	99.9	6	0.1	1,228	500	3.2	4.2	3.6	
DWP All Providers			DWP General Pr	1 in 90 miles and 9	241,644	99.9	6	0.1	1,228	500	3.2	4.2	3.6	
DWP General Practitioner			DWP Oral Surgeon	1 in 30 miles and 3	140,015	57.9	101,635	42.1	149	33	28.5	31.4	33.2	
DWP Oral Surgeon			DWP Oral Surgeon	1 in 60 miles and 6	186,504	77.2	55,146	22.8	149	33	28.5	31.4	33.2	
DWP Endodontist			DWP Oral Surgeon	1 in 90 miles and 9	217,336	89.9	24,314	10.1	149	33	28.5	31.4	33.2	
DWP Orthodontist			DWP Endodontist	1 in 30 miles and 3	81,930	33.9	159,720	66.1	10	4	45.0	56.1	62.1	
DWP Periodontist DWP Prosthodontist			DWP Endodontist	1 in 60 miles and 6	110,118	45.6	131,532	54.4	10	4	45.0	56.1	62.1	
			DWP Endodontist	1 in 90 miles and 9	165,726	68.6	75,924	31.4	10	4	45.0	56.1	62.1	
<sup>1</sup> Provider counts represent:			DWP Orthodontist	1 in 30 miles and 3	109,927	45.5	131,723	54.5	19	12	31.0	43.5	39.1	
P: Unique providers			DWP Orthodontist	1 in 60 miles and 6	176,582	73.1	65,068	26.9	19	12	31.0	43.5	39.1	
L: Unique provider locations			DWP Orthodontist	1 in 90 miles and 9	217,464	90.0	24,186	10.0	19	12	31.0	43.5	39.1	
			DWP Periodontist	1 in 30 miles and 3	22,460	9.3	219,190	90.7	11	5	61.1	70.9	78.1	
** These records have been excluded			DWP Periodontist	1 in 60 miles and 6	66,884	27.7	174,766	72.3	11	5	61.1	70.9	78.1	
from the analysis because of invalid zip codes.			DWP Periodontist	1 in 90 miles and 9	137,053	56.7	104,597	43.3	11	5	61.1	70.9	78.1	
P			DWP Prosthodo	1 in 30 miles and 3	79,188	32.8	162,462	67.2	20	5	49.2	78.6	61.3	
			DWP Prosthodo	1 in 60 miles and 6	116,131	48.1	125,519	51.9	20	5	49.2	78.6	61.3	
			DWP Prosthodo	1 in 90 miles and 9	177,424	73.4	64,226	26.6	20	5	49.2	78.6	61.3	

Key Geographic Areas												
	Member	Р	rovider	With Acc	cess	Without A	ccess	Average	Distance	Average Time		
City	#	Group	Standard	#	%	#	%	1	2	1		
Des Moines, IA	26,728	DWP All Providers	1 in 30 miles and 30 mins	26,728	100.0	0	0.0	0.8	1.0	1.3		
		DWP General Practitioner	1 in 30 miles and 30 mins	26,728	100.0	0	0.0	0.8	1.0	1.3		
		DWP General Practitioner	1 in 60 miles and 60 mins	26,728	100.0	0	0.0	0.8	1.0	1.3		
		DWP General Practitioner	1 in 90 miles and 90 mins	26,728	100.0	0	0.0	0.8	1.0	1.3		
		DWP Oral Surgeon	1 in 90 miles and 90 mins	26,726	99.9	2	0.1	2.7	3.1	4.2		
		DWP Orthodontist	1 in 90 miles and 90 mins	26,726	99.9	2	0.1	4.3	4.3	6.7		
		DWP Prosthodontist	1 in 90 miles and 90 mins	26,724	99.9	4	0.1	5.3	77.4	7.8		
		DWP Endodontist	1 in 90 miles and 90 mins	26,723	99.9	5	0.1	4.2	4.2	7.4		
		DWP Oral Surgeon	1 in 60 miles and 60 mins	26,723	99.9	5	0.1	2.7	3.1	4.2		
		DWP Orthodontist	1 in 60 miles and 60 mins	26,721	99.9	7	0.1	4.3	4.3	6.7		
		DWP Oral Surgeon	1 in 30 miles and 30 mins	26,719	99.9	9	0.1	2.7	3.1	4.2		
		DWP Prosthodontist	1 in 60 miles and 60 mins	26,719	99.9	9	0.1	5.3	77.4	7.8		
		DWP Orthodontist	1 in 30 miles and 30 mins	26,718	99.9	10	0.1	4.3	4.3	6.7		
		DWP Endodontist	1 in 60 miles and 60 mins	26,716	99.9	12	0.1	4.2	4.2	7.4		
		DWP Prosthodontist	1 in 30 miles and 30 mins	26,716	99.9	12	0.1	5.3	77.4	7.8		
		DWP Endodontist	1 in 30 miles and 30 mins	26,713	99.9	15	0.1	4.2	4.2	7.4		